

## ABSTRACT OF THE DISCLOSURE

A mechanism for booking events comprising an event broker, one or more event managers and one or more action handlers. In one embodiment, the event broker is  
5 configured to register a plurality of event bookings, each of which identifies an event and a corresponding action. For each event booking, the event broker notifies an event manager which is configured to detect the type of event identified in the event booking. When the event manager detects the identified event, it notifies the event broker. The broker then notifies an action handler which is configured to initiate the type of action  
10 identified in the event booking. The action handler then initiates the action. If the event booking is non-recurring and the action is complete, the event booking is unregistered by the event broker. The event broker is configured to work in conjunction with a plurality of event managers which can detect different types of events and a plurality of action handlers which can initiate different types of actions. The event broker is configured to  
15 resolve resource conflicts between actions for which the corresponding events have been detected. The event broker is further configured to control access to event bookings through a security system which can use privileges or credentials to identify clients which are authorized to read, modify, delete or otherwise access information contained in the event bookings.

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